

INFORMATION DISCLOSURE CITATION

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 APPLICANT
Jerman et al.

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U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILED
ST	5,760,998	6/2/98	Berberich et al.	360	97.02	7/22/97
	5,753,911	5/19/98	Yasuda et al.	250	306	1/16/97
	5,646,928	7/8/97	Wu et al.	369	112	6/22/95
	4,239,330	12/16/80	Ashkin, et al.	350	96.18	10/18/78
	4,265,513	5/5/81	Matsushita, et al.	350	96.20	8/16/79
	4,304,460	12/8/81	Tanaka, et al.	350	96.16	3/7/79
	4,498,730	2/12/85	Tanaka, et al.	350	96.16	4/22/81
	4,626,066	12/2/86	Levinson, et al.	350	96.18	12/30/83
	4,896,937	1/30/90	Kraetsch, et al.	350	96.20	8/2/88
	5,000,532	3/19/91	Kraetsch, et al.	350	96.20	11/06/89
	5,024,500	6/18/91	Stanley, et al.	350	96.15	3/31/88
	5,260,928	11/09/93	Lee, et al.	369	112	3/6/92
	5,327,416	7/5/94	Lee, et al.	369	199	2/22/93
	5,446,811	8/29/95	Field, et al.	385	23	3/14/94
	5,493,440	2/20/96	Souda, et al.	359	341	10/18/94
	5,452,283	9/19/95	Lee, et al.	369	112	6/18/93
	5,532,884	7/2/96	Lee, et al.	359	833	6/7/95
	4,322,126	3/30/82	Minowa et al.	350	96.20	1/30/80
	4,674,319	6/23/87	Muller et al.	73	23	3/20/85
	4,740,410	4/26/88	Muller et al.	428	133	5/28/87
	4,805,456	2/21/89	Howe et al.	73	517 AV	5/19/87
	4,943,750	7/24/90	Howe et al.	310	309	7/3/89
	5,025,346	6/18/91	Tang et al.	361	283	2/17/89
	5,043,043	8/27/91	Howe et al.	156	645	6/22/90
	5,208,880	5/4/93	Riza et al.	385	18	4/30/92
	5,450,751	9/19/95	Putty et al.	73	504.18	5/4/93
SP	5,563,466	10/8/96	Rennex et al.	310	309	6/7/93

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	5,850,375	12/15/98	Wilde et al.	369	14	12/20/96
	5,245,491	9/14/93	Horie et al.	360	114	6/1/90
	5,719,832	2/17/98	Kataoka et al.	369	14	11/5/96
	5,255,260	10/19/93	Yamada et al.	369	199	7/23/90
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FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

SP	Field, L.A. et al., "Micromachined 1X2 Optical Fiber Switch", The 8th International Conference on Solid-State Sensors and Actuators, and Eurosensors IX, Stockholm, Sweden, June 25-29, 1995, pp. 344-347.
	Hirano, Toshiki, et al., "Invar Micropositioner for Disk Drives", IEEE, January 1997, pp. 378-382.
	Horsley, D.A., et al., "Angular Micropositioner for Disk Drives", IEEE, January 1997, pp.454-459.
	Jaacklin, V.P., et al., "Optical Microshutters and Torsional Micromirrors for Light Modulator Arrays", Proceedings IEEE Micro Electrical Mechanical Systems, Fort Lauderdale, FL, Feb. 7-10, 1993, pp. 124-127.
	Klassen, E.H., et al., "Silicon Fusion Bonding and Deep Reactive Ion Etching; A New Technology for Microstructures", the 8th International Conference on Solid-State Sensors and Actuators, and Eurosensors IX, Stockholm, Sweden, June 25-29, 1995, pp.556-559.
	Legtenberg, Rob, et al., "Comb-drive actuators for large displacements", J. Micromech. Microeng. 6 (1996), pp. 320-329.
	Mohr, J., et al., "Micro Optical Switching by Electrostatic Linear Actuators with Large Displacements", The 7th International Conference on Solid-State Sensors and Actuators, Yokohama, Japan, 1993, pp.120-123.
	Obermeier, E., "Design and Fabrication of an Electrostatically Driven Micro-Shutter", The 7th International Conference on Solid-State Sensors and Actuators, Yokohama, Japan, 1993, pp.132-135.
	Tang, William C., et al., "Laterally Driven Polysilicon Resonant Microstructures", Sensors Actuators 20, 1989, pp.25-31 (IEEE reprint pp.53-59).
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SP	Yasseen, A.A., et al., "A Rotary Electrostatic Micrometer 1x8 Optical Switch", IEEE, 1998, pp.116-120.

EXAMINER	<i>Sung Park</i>	DATE CONSIDERED	6/13/03
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
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